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Examiner Initials *	Cite No.1	Docur	nent Number	Publication (		Pat	entee or Applicant of Cited	Pages, Columns, Lines W	Vhere
111111111111111111111111111111111111111	,	Numb	er-Kind Code	MM-DD-YY	YY		Document	Relevant Passages or Rel Figures Appear	levant
WW		US-5,637	7,660-A	06-10-1997	Nagy et al.			/	
		US-5,798	3,427-A	08-25-1998	Foster et a			<del>                                     </del>	
		US-5,426		06-20-1995	Jean-Pierre	e Le	couve	<del>                                     </del>	
		US-4,057		11-08-1977	Leo Ernest	t Ma	nzer		
		US-5,726		03-10-1998	Horton et a				
<del>                                      </del>		US-6,291	<u> </u>	09-18-2001	Chen et al.				
		US-6,214 US-6,211		04-10-2001	Chen et al.				
		US-5,707	<del></del>	04-03-2001	Chen et al. Schlund et		· · · · · · · · · · · · · · · · · · ·	ļļ	
		US-5,889		03-30-1999	Schrock et			<del></del>	
		US-6,187		02-13-2001	Chen et al.			<del>                                     </del>	
		US-5,854		12-29-1998	Marks et al			<del>  </del>	
		US-5,763	3,549-A	06-09-1998	Elder et al.			<del> </del>	
		US-6,417	,304-B1	07-09-2002	McConville	eta	al.	<del>                                     </del>	
<b> </b>		US-6,399	<del></del>	06-04-2002	Szul et al.			<del></del>	
		US-6,380		04-30-2002	McConville		31.		
<del>                                      </del>		US-6,333		12-25-2001	Whiteker e				
<del>  \  \  \  -    </del>		US-6,300		10-09-2001	David H. M				
i Ma		US-6,300 US-6,274		10-09-2001 08-14-2001	David H. M		nville		
1000		00-0,214	,004-81	00-14-2001	Loveday et	aı.			
				FOREIGN	PATENT DOCU	ME	NTS		
F		Fore	eign Patent Doc	ument	Publication	T	Name of Patentee or	Pages, Columns, Lines	1
Examiner Initials *	Cite No. <sup>1</sup>		de – Number-Kin		Date MM-DD-YYYY		Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
1100	-1	BE09700674	4A7		07-06-1999	+	· · · · · · · · · · · · · · · · · · ·	<del></del>	<del>  ,                                     </del>
0		WO 99/0253	36	<del></del> -	01-21-1999	十		<del> /</del>	H
		WO 99/0247	72		01-21-1999	_		<del> /</del>	+
		WO 98/5546			12-10-1998	┪		<del></del>	H
<b>  </b>		WO 97/4873			12-24-1997	7		<del>                                     </del>	<del>                                     </del>
<b>├</b> ── <i></i> ┼┼		WO 97/4543			12-04-1997				Н
<del>  \/ -</del>		WO 97/4219			11-13-1997				
11/60		WO 92/1216 WO 96/0849			07-23-1992	4			
_ <i>V</i> //		*** 30/0049	70-A I		03-21-1996		. 1		
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\*EXAMINED: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of US Patent Documents. <sup>3</sup> Enter Office that issued the Document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if the English tanguage Translation is attached.

INFORMATION DISCLOSURE   STATEMENT BY APPLICANT   (use as many sheets as necessary)   Information   First Name   February 12, 2004   First Name   First Name   Trist Name   Trist Name   Trist Name   William Cheung   Sheet   2	ſ <del> </del>				<del></del>	<b>.</b>							
STATEMENT BY APPLICANT   Filing Date   February 12, 2004   First Named Inventor   David H. McConville   Staminer Name   William Cheung   Sheet   2   of   8   Attorney Docket Number   1999U029. RE. US   US. PATENT DOCUMENTS   US. PATENT DOCUMENTS   Pages, Columns, Lines Where Retevant Passages or Retevant Pigure Appear   US. Pages, Columns   P									Complete if Know	חי			
Filing Date   February 12, 2004   Filing Date   Filing Date   Filing Date   First Named Inventor   David H. McConville   First Named Inventor   David H. McConville   T713   Examiner Name   William Cheung   Pages, Calumrs, Lines Where Initials   William Cheung   William Cheung   Pages, Calumrs, Lines Where Initials   William Cheung   William Cheung   William Cheung   William Cheung   William Cheung   Pages, Calumrs, Lines Where Relevant Passages or Relevant Passages or Relevant Passages or Relevant Pages   William Cheung   William Cheung   Pages, Calumrs, Lines Where Relevant Passages or Relevant Pages   William Cheung   Pages, Calumrs, Lines Where Relevant Passages or Relevant Pages   William Cheung   Pages, Calumrs, Lines Where Relevant Passages or Relevant Pages   William Cheung   William Cheung   Pages, Calumrs, Lines Where Relevant Passages or Relevant Pages   William Cheung   Pages, Calumrs, Lines Where Relevant Passages   William Cheung   William Cheung   Pages, Calumrs, Lines Where Relevant Pages   William Cheung   Wil	INFOR	ITAMS	ON D	ISC	LOSURE	Application	Num	ber	09/435,409 Re	issu	P		
First Named Inventor	STAT	EMEN	TBY	APF	PLICANT	Filing Date							
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Sheet   2													
U.S. PATENT DOCUMENTS			r						William Cheun	<u>g</u>			
Examiner Initials*   Document Number   Publication Date   Name of Patentee or Applicant of Cited   Document   Pages, Columns, Lines Where   Relevant Passages or Relevant   Pages, Columns, Lines Where   Relevant Passages or Relevant   Pages, Columns, Lines Where   Relevant Passages or Relevant   Pages, Columns, Lines   Pages, Columns, Line	Sheet	2		of	8	<u> </u>				<u>:</u>			
Number-Kind Code						U.S. PA	TEN	T DOCUMEN	TS				
Number-Kind Code		Cite No.	.՝	Docun	nent Number	Publication (	Date	Name of Pa	tentee or Applicant of Ci	ted	Pages, Columns, Lines W	here	
US-6,271,325-B1	Initials *					MM-DD-YY	YY	ĺ			Relevant Passages or Rele		
US 6,271,323-B1 US 6,285,505-B1 US-6,285,505-B1 US-5,955,555-A US-2,1999 US-5,672,669-A US-5,672,669-A US-5,672,669-A US-5,061,84-A US-5,061,84-A US-5,061,84-A US-5,061,84-B1 US-5,403,181-B1 US-5,403,181-B1 US-5,339,076-A US-5,339,076-A US-5,539,076-A US-5,539,076-A US-5,643,46-A US-5,539,076-A US-5,643,46-A US-5,539,076-A US-5,643,46-A US-5,643,45-A US-5,622,906-A US-5,622,906-A US-5,618,44-B1 US-1,2003 US-5,618,44-B1 US-5,517,036-A US-5,517,036-A US-5,517,036-A US-5,517,036-A US-5,517,036-A US-6,518,44-B1 US-1,2003 US-6,090,893-A US-6	1.16					00.07.0004					Figures Appear		
US-5,955,555-A  US-5,955,555-A  US-5,955,555-A  US-5,061,96-A  US-5,674,796-A  US-5,674,796-A  US-5,674,796-A  US-5,506,184-A  US-5,506,184-A  US-5,506,184-A  US-5,610,474-B1  US-5,610,3181-B1  US-6,410,3181-B1  US-5,518,935-A  US-5,538,976-A  US-5,614,466-A  US-5,614,466-A  US-5,614,466-A  US-5,614,466-A  US-5,614,466-A  US-5,614,466-A  US-5,614,466-A  US-5,618,444-B1  US-6,18,444-B1  US-6,18,444-B1  US-6,18,444-B1  US-6,225,421-B1  US-6,090,893-A  O7-18-2000  Harfin et al.  US-6,090,893-A  US-4,335,224  US-1,998  WO 98/46651-A2  US-5,525,678-A  US-1,998  WO 98/46651-A2  US-1,998  WO 98/390612-A1  WO 98/390612-A1  WO 98/390612-A1  WO 98/390612-A1  WO 98/39168-A1  US-2,1998  WO 98/39168-A1  US-3,1998  WO 98/39168-A1  US-3	Will												
US-5,955,55S-A   OB-21-1999											<del> </del>		
US-5,674,796-A											<del>                                     </del>		
US-5,506,184-A 04-09-1996 Kissin et al.  US-6,401,474-B1 06-25-2002 Nowlin et al.  US-6,403,181-B1 06-11-2002 Barry et al.  US-5,539,076-A 07-23-1998 Nowlin et al.  US-5,318,935-A 06-07-1994 Canich et al.  US-5,643,846-A 07-01-1997 Reddy et al.  US-5,623,906-A 04-22-1997 Ted M. Pettijohn  US-5,622,906-A 04-22-1997 Mink et al.  US-5,518,444-B1 02-11-2003 McConville et al.  US-5,518,444-B1 02-11-2003 McConville et al.  US-5,518,444-B1 05-01-2001 Promet et al.  US-6,225,421-B1 05-01-2001 Promet et al.  US-6,225,421-B1 05-01-2001 Harlin et al.  US-6,225,421-B1 05-11-1996 Mink et al.  US-4,335-224 06-15-1982 Matsuura et al.  US-5,525,678-A 06-11-1996 Mink et al.  Foreign Patent Document Publication Date MM-DD-YYYY Date M-Document Publication Date MM-DD-YYYY Prometer M-Document Publication Date MM-DD-YYYY No 98/34964-A1 08-27-1998 WO 98/34964-A1 08-27-1998 WO 98/30612-A1 07-16-1998 WO 98/30569-A1 07-16-1998 WO 98/30569-A1 07-16-1998 WO 99/01460-A1 01-14-1999 WO 99/01460-A1 001-14-1999 WO 99/01450-A1 001-14-1999 WO 99/01450-A1 001-14-1999 WO 99/01450-A1 001-14-1999 WO 99/01959-A1 06-05-1997			US	-5,674	,796-A	10-07-1997					<del> </del>		
US-5,506,184-A			US	-5,672	,669-A	09-30-1997		Wasserman e	t al.				
US-6,403,181-B1			US	-5,506	,184-A	04-09-1996					<del> </del>		
US-5,539,076-A   07-23-1998   Nowlin et al.			US	-6,410	,474-B1	06-25-2002		Nowlin et al.	· · · · · · · · · · · · · · · · · · ·		<del>                                     </del>		
US-5,318,935-A   06-07-1994   Canich et al.			US	-6,403	,181-B1	06-11-2002		Barry et al.					
US-5,643,846-A   07-01-1997   Reddy et al.			US	-5,539	,076-A	07-23-1998		Nowlin et al.			<del>  </del>		
US-5,622,906-A			US	-5,318	,935-A	06-07-1994		Canich et al.			<del> </del>		
US-5,614,456-A 03-25-1997 Mink et al.  US-6,518,444-B1 02-11-2003 McConville et al.  US-6,518,444-B1 02-11-2003 McConville et al.  US-6,218,421-B1 05-01-2001 Promel et al.  US-6,090,893-A 07-18-2000 Harlin et al.  US-6,335,224 06-15-1982 Matsuura et al.  US-5,525,678-A 06-11-1996 Mink et al.  FOREIGN PATENT DOCUMENTS  Foreign Patent Document Date MM-DD-YYYY Prypry Publication Date MM-DD-YYYY Document Publication Date MM-DD-YYYY Prypry Publication Country Code – Number-Kind Code MM-DD-YYYY Document Publication Date MM-DD-YYYY Prypry Promote Relevant Figures or Relevant Figures Promote Relevant Figures Promote Relevant Figures Promote Relevant Figures Promote Promote Relevant Figures Promote			US	-5,643	,846-A	07-01-1997		Reddy et al.	<del></del>		<del></del>		
US-6,518,444-B1 02-11-2003 McConville et al.  US-5,317,036-A 05-31-1994 Brady, III et al.  US-6,225,421-B1 05-01-2001 Promel et al.  US-6,090,893-A 07-18-2000 Harlin et al.  US-4,335,224 06-15-1982 Matsuura et al.  US-5,525,678-A 06-11-1996 Mink et al.  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  Country Code – Number-Kind Code MM-DD-YYYY Applicant of Cited Document Passages or Relevant Figures or Relevant Fi			US	-5,622	,906-A	04-22-1997		Ted M. Pettijo	hn		<del>                                     </del>		
US-5,317,036-A   05-31-1994   Brady, III et al.			US	-5,614	,456-A	03-25-1997		Mink et al.	<del></del>		<del>                                     </del>		
US-6,225,421-B1   05-01-2001   Promel et al.     US-6,090,893-A   07-18-2000   Harlin et al.     US-4,335,224   06-15-1982   Matsuura et al.     US-5,525,678-A   06-11-1996   Mink et al.     US-5,525,678-A   06-11-1996   Mink et al.     US-6,090,893-A   06-11-1998   Mink et al.     Foreign Patent Document   Publication   Date   MM-DD-YYYY   Applicant of Cited   Document   Pages, Columns, Lines   Where Relevant Passages   or Relevant Figures   To Appear   To Appe			US	-6,518	,444-B1	02-11-2003		McConville et	al.				
US-6,090,893-A   07-18-2000   Harlin et al.     US-4,335,224   06-15-1982   Matsuura et al.     US-5,525,678-A   06-11-1996   Mink et al.     US-5,525,678-A   06-11-1996   Mink et al.     US-6,990,893-A   06-15-1982   Matsuura et al.     US-6,525,678-A   06-11-1996   Mink et al.     US-6,690,693-A   Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear     T°   WO 98/46651-A2   10-22-1998   WO 98/37109-A1   08-27-1998     US-6,090,693-A1   08-27-1998   WO 98/30569-A1   07-16-1998     US-6,090,693-A1   07-16-1998   WO 98/30569-A1   07-16-1999   WO 98/30569-A1   07-16-1998   WO 98/30569-A1   07-16-1998   WO 98/30569-A1   07-16-1998   WO 98/30569-A1   0						05-31-1994		Brady, III et al	,				
US-4,335,224   06-15-1982   Matsuura et al.     US-5,525,678-A   06-11-1996   Mink et al.     US-5,525,678-A   06-11-1996   Mink et al.     Examiner Initials *	-1					05-01-2001		Promel et al.					
US-5,525,678-A   06-11-1996   Mink et al.	-1/-				<u>:</u>	07-18-2000		Harlin et al.		$\neg$			
FOREIGN PATENT DOCUMENTS   Foreign Patent Document   Publication Date   MM-DD-YYYY   Name of Patentee or Applicant of Cited Document   To	- <b>Y</b>		_		<u> </u>	06-15-1982		Matsuura et a	l	$\neg$			
Cite   No.   Foreign Patent Document   Publication   Date   MM-DD-YYYY   Document   Pages, Columns, Lines   Where Relevant Passages   To   Date   MM-DD-YYYY   Memorial Passages   To   Date   MM-DD-YYYY   Memorial Passages   To   Date   MM-DD-YYYY   Memorial Passages   To   Date   MM-DD-YYYY   Document   To   Date   MM-DD-YYYY   Memorial Passages   To   Date   Mm-DD-YYYY   Mm-DD-YYYYY	WILL		US	-5,525	,678-A	06-11-1996		Mink et al.					
Cite   No.   Foreign Patent Document   Publication   Date   MM-DD-YYYY   Document   Pages, Columns, Lines   Where Relevant Passages   To   Date   MM-DD-YYYY   Mare of Patentee or   Applicant of Cited   Document   Document   To   Date   MM-DD-YYYY   Mare of Patentee or   Applicant of Cited   Document   Document   To   Date   MM-DD-YYYY   Mare of Patentee or   Applicant of Cited   Document   Date   MM-DD-YYYY   Mare of Patentee or   Applicant of Cited   Document   Date   MM-DD-YYYY   Mare of Patentee or   Applicant of Cited   Document   Date   MM-DD-YYYY   Mare of Patentee or   Applicant of Cited   Document   Date   MM-DD-YYYY   Mare of Patentee or   Applicant of Cited   Document   Date   MM-DD-YYYY   Mm-DD-YYYY   Mm-DD-YYYY   Mm-DD-YYYY   Document   Date   Mm-DD-YYYY   Mm-DD-YYYY   Document   Date   Mm-DD-YYYY   Mm-DD-YYYY   Document   Date   Mm-DD-YYYY   Document   Date   Mm-DD-YYYY   Mm-DD-YYYY   Document   Date   Mm-DD-YYYY   Document   Date   Date   Date   Document   Date   Da													
Examiner Initials * No.   Country Code - Number-Kind Code   Date MM-DD-YYYY   Date MM-DD-YYYY   Mere Relevant Passages or Relevant Figures Appear   To MM-DD-YYYY   Mere Relevant Passages or Relevant Figures Appear   To MM-DD-YYYY   Mere Relevant Passages or Relevant Figures Appear   To MM-DD-YYYY   Mere Relevant Passages or Relevant Figures Appear   To MM-DD-YYYY   Mere Relevant Passages or Relevant Passages or Relevant Figures Appear   To MM-DD-YYYY   Mere Relevant Passages or Relevant Figures Appear   To MM-DD-YYYY   Mere Relevant Passages or Relevant Figures Appear   To MM-DD-YYYY   Mere Relevant Passages or Relevant Figures Appear   To MM-DD-YYYY   Mere Relevant Passages or Relevant Figures Appear   To MM-DD-YYYY   Mere Relevant Passages or Relevant Figures Appear   To MM-DD-YYYY   Mere Relevant Passages or Relev			1										
Initials No. 1 Country Code - Number-Kind Code MM-DD-YYYY Document To Relevant Figures Appear To WO 98/46651-A2 10-22-1998 WO 98/37109-A1 08-27-1998 WO 98/34964-A1 08-13-1998 WO 98/30612-A1 07-16-1998 WO 98/30569-A1 07-16-1998 WO 98/27124-A1 06-25-1998 WO 99/01460-A1 01-14-1999 WO 97/19959-A1 06-05-1997	Examiner	Cite		Fore	ign Patent Doc	ument	, '		Name of Patentee of	)T	Pages, Columns, Lines		
WO 98/37109-A1 08-27-1998 WO 98/34964-A1 08-13-1998 WO 98/30612-A1 07-16-1998 WO 98/30569-A1 07-16-1998 WO 98/27124-A1 06-25-1998 WO 99/01460-A1 01-14-1999 WO 97/19959-A1 06-05-1997			Count	ry Cod	le – Number-Kin	d Code	М				or Relevant Figures	т⁰	
WO 98/37109-A1 08-27-1998 WO 98/34964-A1 08-13-1998 WO 98/30612-A1 07-16-1998 WO 98/30569-A1 07-16-1998 WO 98/27124-A1 06-25-1998 WO 99/01460-A1 01-14-1999 WO 97/19959-A1 06-05-1997	WW	1	WO 9	3/4665	1-A2		10-2	22-1998	· · · · · · · · · · · · · · · · · · ·			$\vdash$	
WO 98/34964-A1 08-13-1998 WO 98/30612-A1 07-16-1998 WO 98/30569-A1 07-16-1998 WO 98/27124-A1 06-25-1998 WO 99/01460-A1 01-14-1999 WO 97/19959-A1 06-05-1997	1		WO 9	3/3710	9-A1				<del>/-</del> -		<del>/</del>	H	
WO 98/30612-A1 07-16-1998 WO 98/30569-A1 07-16-1998 WO 98/27124-A1 06-25-1998 WO 99/01460-A1 01-14-1999 WO 97/19959-A1 06-05-1997											<del></del>	-/-	
WO 98/30569-A1 07-16-1998  WO 98/27124-A1 06-25-1998  WO 99/01460-A1 01-14-1999  WO 97/19959-A1 06-05-1997		7	WO 9	3/3061	2-A1					<del> </del>	<del></del>	H	
WO 98/27124-A1 06-25-1998 WO 99/01460-A1 01-14-1999 WO 97/19959-A1 06-05-1997									<del></del>		<del></del>	$H \rightarrow$	
WO 99/01460-A1 01-14-1999 WO 97/19959-A1 06-05-1997	1/ 1		WO 9	3/2712	4-A1	-			<del></del>	<del> </del>	<del></del>	┝╂╾┦	
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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of US Patent Documents. <sup>3</sup> Enter Office that issued the Document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if the English language Translation is attached.

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Examiner Initials *	Cite No.	Docume:	nt Number	Publication D	ate Name of P	atentee or Applicant of Cited	Pages, Columns, Lines Whe
iriuais		Number-	Kind Code	MM-DD-YY	Y	Document	Relevant Passages or Relevant Figures Appear
We		US-5,319,0	29-A	06-07-1994	Martin et al.		, ignoripped
		US-5,306,7		04-26-1994	Martin et al.		<del>                                     </del>
		US-4,547,5	51	10-15-1985	Bailey et al.		<del>                                     </del>
		US-4,461,8		07-24-1984	Bailey et al.		<del>                                     </del>
-H/H		US-5.102.9		04-07-1992	Calabro et al		
1/-	7-1	US-5,693,7		12-02-1997 07-16-2002	Goode et al.	71	<del>                                     </del>
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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War		CHUNMING WANG, STEFAN FRIEDRICH, TODD R. YOUNKIN, ROBERT T. LI, ROBERT H. GRUBBS, DONALD A. BANSLEBEN, & MICHAEL W. DAY, Neutral Nickel(II)-Based Catalysts for Ethylene Polymerization, <i>Organometallics</i> 1998, 17, 3149-3151	
) .		XIAOHONG BEI, DALE C. SWENSON, & RICHARD F. JORDAN, Synthesis, Structures, Bonding, and Ethylene Reactivity of Group 4 Metal Alkyl Complexes Incorporating 8-Quinolinolato Ligands, Organometallics 1997, 16, 3282-3302	
		FRÉDÉRIC GUÉRIN, ORIN DEL VECHHIO & DAVID H. MCCONVILLE, Ortho-substituted aryl diamido complexes of zirconium: observation of rotameric isomers, <i>Polyhedron</i> Vol. 17, No. 5-6, pp. 917-923, 1998	
		TIMO REPO, MARTTI KLINGA, PEKKA PIETIKAINEN, MARKKU LESKELÄ, ANNE-MARJA UUSITALO, TUULA PAKKANEN, KIMMO HAKALA, PÄIVI AALTONEN & BARBRO LÖFGREN, Ethylenebis(salicylideneiminato)zirconium Dichloride: Crystal Structure and Use as a Heterogeneous Catalyst in the Polymerization of Ethylene, Macromolecules 1997, 30, 171-175	
		FRÉDÉRIC GUÉRIN, DAVID H. MCCONVILLE, & JAGADESE J. VITTAL, Conformationally Rigid Diamide Complexes of Zirconium: Electron Deficient Analogues of Cp₂Zr, Organometallics 1996, 15, 5586-5590	
		HANS FUHRMANN, SIMON BRENNER, PERDITA ARNDT, & RHETT KEMPE, Octahedral Group 4 Metal Complexes That Contain Amine, Amido, and Aminopyridinato Ligands: Synthesis, Structure, and Application in σ-Olefin Oligo- and Polymerization, <i>Inorg. Chem.</i> 1996, 35, 6742-6745	
		ROBERT BAUMAN, WILLIAM M. DAVIS, & RICHARD R. SCHROCK, Synthesis of Titanium and Zirconium Complexes That Contain the Tridentate Diamido Ligand, [((f-Bu-d <sub>0</sub> )N-o-C <sub>0</sub> H <sub>1</sub> ) <sub>2</sub> O) <sup>2</sup> ((NON) <sup>2</sup> ) and the Living Polymerization of 1-Hexene by Activated [NON]ZrMe <sub>2</sub> , J. Am. Chem. Soc. 1997, 119, 3830-3831	
		JOHN D. SCOLLARD & DAVID H. MCCONVILLE, Living Polymerization of α-Olefins by Chelating Diamide Complexes of Titanium, J. Am. Chem. Soc. 1996, 118, 10008-10009	
j		FRÉDÉRIC GUÉRIN, DAVID H. MCCONVILLE & NICHOLAS C. PAYNE, Conformationally Rigid Diamide Complexes: Synthesis and Structure of Titanium(IV) Alkyl Derivatives, <i>Organometallics</i> 1996, 15, 5085-5089	
V		ANDREW D. HORTON, JAN DE WITH, ARIAN J. VAN DER LINDEN & HENK VAN DE WEG, Cationic Alkylzirconium Complexes Based on a Tridentate Diamide Ligand: New Alkene Polymerization Catalysts, <i>Organometallics</i> 1996, 15, 2672-2674	
wee		HOWARD C. S. CLARK, F. GEOFFREY N. CLOKE, PETER B. HITCHCOCK, JASON B. LOVE, & ADRIAN P. WAINWRIGHT, Titanium(IV) complexes incorporating the aminodiamide ligand [(SiMe <sub>3</sub> ) N{Ch <sub>2</sub> CH <sub>2</sub> N(SiMe <sub>3</sub> ) <sub>2</sub> ] <sup>2</sup> (L); the X-ray crystal structures of [TiMe <sub>2</sub> (L)] and [TiCl{CH(SiMe <sub>3</sub> ) <sub>2</sub> }(L)], Journal of Organometallic Chemistry 501, 1995, 333-340	

Examiner Signature	D	Date Completed	9/10	9/25
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<sup>\*</sup>EXAMINER: Ipital if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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Wa		FRÉDÉRIC GUÉRIN, DAVID H. MCCONVILLE, JAGADESE J. VITTAL & GLEN A. P. YAP, Synthesis, Structure, and Reactivity of Zirconium Alkyl Complexes Bearing Ancillary Pyridine Diamide Ligands, <i>Organometallics</i> 1998, 17, 5172-5177	1
		GIUSEPPE DI SILVESTRO, PIERO SOZZANI, & ALBERTO TERRAGNI, Polymerization of propene with enantiomorphic site catalysts, 1, <i>Macromol. Chem. Phys.</i> 197, 3209-3228 (1996)	
		EUGENE OU-XIAN CHEN & TOBIN J. MARKS, Cocatalysts for Metal-Catalyzed Olefin Polymerization: Activators, Activation Processes, and Structure-Activity Relationships, Chem. Rev. 2000, 100, 1391-1434	1
		K. EBNER, Bi-Model HDPE for Piping Systems and Further Applications, Advances in Plastics Technology APT'97, 9-11 December 1997, Katowice, Poland, pp 1-8	1
		J. BERTHOLD, L. L. BÖHM, H. F. ENDERLE, P. GÖBEL, H. LÜKER, R. LECHT, & U. SCHULTE, Advanced polymerization process for tailor made pipe resins, <i>Plastics, Rubber and Composites Processing and Applications</i> 1996, Vol. 25, No. 8, pp. 366-372	
		A. MUNOZ-ESCALONA, L. MÉNDEZ, J. SANCHO, P. LAFUENTE, B. PEÑA, W. MICHIELS, G. HIDALGO & M. F. MARTINEZ-NUŃEZ, Development of Supported Single-Site Catalysts and Produced Polyethylene, Metalorganic Catalysts for Synthesis and Polymerisation, Recent Results by Ziegler-Natta and Metallocene Investigations, pp. 381-396	
		Continuing the Development into the 21 <sup>st</sup> Century, <i>TRIP</i> Vol. 4, No. 12, December 1996, pp.408-415	
		F. GEOFFREY N. CLOKE, PETER B. HITCHCOCK & JASON B. LOVE, Zirconium Complexes incorporating the New Tridentate Diamide Ligand [(Me <sub>3</sub> Si)N{CH <sub>2</sub> Ch <sub>2</sub> N(SiMe <sub>3</sub> )) <sub>2</sub> ] <sup>2</sup> . (L); the Crystal Structures of [Zr(BH <sub>4</sub> ) <sub>2</sub> L] and [ZrCl{CH(SiMe <sub>3</sub> ) <sub>2</sub> L], J. Chem. Soc. Dalton Trans. 1995, pp. 25-30	
Ψ		AAPO U. HÄRKÖNEN, MARKKU AHLGRÉN, TAPANI A. PAKKANEN, & JOUNI PURSIAINEN, Synthesis, crystal structure and characterization of the heterometallic tetranuclear butterfly cluster [Ru <sub>3</sub> IrH <sub>2</sub> (CO) <sub>12</sub> CI], Journal of Organometallic Chemistry 519 (1996), pp. 205-208	
Wee		LAN-CHANG LIANG, RICHARD R. SCHROCK, WILLIAM M. DAVIS, & DAVID H. MCCONVILLE, Synthesis of Group 4 Complexes that Contain the Diamidoamine Ligands, [2,4,6-Me <sub>3</sub> C <sub>6</sub> H <sub>2</sub> NCH <sub>2</sub> CH <sub>2</sub> ) <sub>2</sub> NR] <sup>2-</sup> ([Mes <sub>2</sub> N <sub>2</sub> NR] <sup>2</sup> ; R = H or CH <sub>3</sub> ), and Polymerization of 1-Hexene by Activated [Mes <sub>2</sub> N <sub>2</sub> NR]ZrMe <sub>2</sub> Complexes, J. Am. Chem. Soc. 1999, 121, 5797-5798	1
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if the English language Translation is attached.